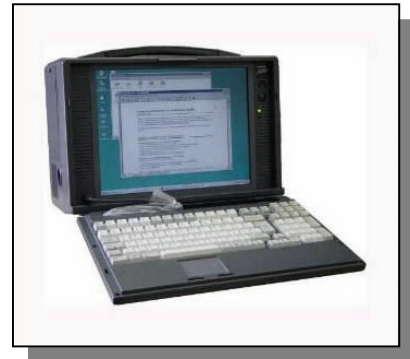# PPC1001-SYS
Rugged and Expandable Portable PC

Specification

€ **Smallest and lightest case under big LCD and great expansion**

€ **Four PCI / ISA full length slots for expansion**

€ **TFT LCD:**
- Ò 14.1" TFT LCD panel PC
- Ò Resolution 1024x768 (XGA)
- Ò 50000 hours LCD MTBF
- Ò 50000 hours backlight lifetime

€ **Proccessor:**
- Ò Intel P4 2.0 GHz processor with cooling fan

€ **Chipset:**
- Ò Intel 845G Chipset

€ **System memory:**
- Ò 512MB DDR SDRAM
- Ò 2x DIMM sockets up to 1GB

€ **VGA:**
- Ò 32MB AGP graphic card

€ **Storage:**
- Ò 1 x 40GB 3.5"HDD
- Ò 1 x 1.44 MB 3.5"FDD
- Ò 1 x 5.25" slim 24XCD-ROM (CD-RW, DVD Combo for option)

€ **Power Supply:**
- Ò Industrial level 1U power supply
- Ò Output rating: 200W~350W
- Ò Input voltage: 110/230 VDC @ 47/63 Hz, (PFC optional)
- Ò Output voltage: +3.3V@14A,+5V@25A,+12V @ 8A,-5V@0.5A,-12V@0.5A+5VSB@2A
- Ò Safety: UL/CSA/TÜV/CE approved

€ **Keyboard:**
  - Ò 105keys WIN95 mechanical keyboard with touch pad (PS/2 port)
  - Ò Keyboard version in various languages
  - Ò Track ball for option

€ **Cooling:**
  - Ò 2 x 8cm system fan
  - Ò 2 fan for power supply

€ **Speaker:** Built-in dual amplified speakers

€ **Accessories:** Carrying bag, assembly parts, power cord

€ **Chassis Colors:** Black and beige color available,

€ **Operating Temperature:** 0° ~ 50°C (32 ~ 113° F)

€ **Relative Humidity:** 5~85%

€ **OEM Specification Welcome**

€ **Option:**
  - Ò Resistive touch screen
  - Ò P3 processor
  - Ò Slim CD-RW, CD-RW + DVD Combo
  - Ò PFC function on power supply
  - Ò Trolley case with wheels

€ **Dimension:**
  - Ò 15.9" (W) x 10.4" (H) x 7.8" (D)
  - Ò Weight: lbs (5.7KGS)

PRODUCT DISCRIPTION

PPC1001 series making it flexible and upgradeable

PPC1001 of high-performance portables is designed for mobile and industrial applications that require expandability and ruggedness well beyond the capabilities of usual portables.

PPC1001 is used for off-the shelf test and instrumentation platform for engineers and executives who want all the speed, power, and expandability of a desktop unit. PPC1001 configure for measurement and control, network testing and analysis,

data acquisition, remote surveying and other PC based applications in field environments.   Industry tested construction assures that this sturdy performer will keep on delivering accurately when you need it the most.

PPC1001 can be easily transported to different sites. For example, you can access Network diagnostics in remote locations from a Network Control Center or an engineer's office.   An on-site technician that has an installation problem can get on-line help from an expert at another location. Equipment and services at unmanned locations can be remotely tested, allowing cost-effective consolidation of skilled personnel.   Technicians can monitor and test the network as if they were on-site, reducing travel cost.

Applications

-DATA Acquisition
-PLC Programming
-LAN Analysis
-In-Vehicle Testing
-Telecommunication Testing
-Materials Testing
-Video Conferencing
-Multimedia
-Industrial PC Applications
Many field applications such as telemetry, data acquisition, network testing, aircraft

data bus testing, require rugged computer platforms with open expansion slots as hosts for instrumentation plug-in cards implemented on ISA, PCI and EISA AT-sized boards. Special configurations and modifications are available.